

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number
WO 2005/016955 A2

- (51) International Patent Classification⁷: **C07K**
- (21) International Application Number: PCT/US2004/002702
- (22) International Filing Date: 30 January 2004 (30.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PCT/US03/25004 7 August 2003 (07.08.2003) US
- (71) Applicants and
(72) Inventors: LEE, Daniel, H., S. [CA/US]; 361 Dutton Road, Sudbury, MA 01776 (US). PEPINSKY, R., Blake [US/US]; 30 Falmouth Road, Arlington, MA 02474 (US). LI, Weiwei [CN/US]; 230 Charles Street, Waltham, MA 02453 (US). RABACCHI, Sylvia, A. [US/US]; 46 Van Ness Road, Belmont, MA 02478 (US). RELTON, Jane, K. [GB/US]; 55 Pine Street, Belmont, MA 02478 (US). WORLEY, Dane, S. [US/US]; 21 College Hill Road, Somerville, MA 02144 (US). STRITTMATTER, Stephen, M. [US/US]; 96 Tulip Tree Drive, Guilford, CT 06437 (US). SAH, Dinah, Y., W. [US/US]; 4 Longfellow Place, Apt. 2608, Boston, MA 02114 (US).
- (74) Agents: HALEY, James, F., Jr. et al.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: NOGO RECEPTOR ANTAGONISTS

(57) Abstract: Disclosed are immunogenic Nogo receptor-1 polypeptides, Nogo receptor-1 antibodies, antigen-binding fragments thereof, soluble Nogo receptors and fusion proteins thereof and nucleic acids encoding the same. Also disclosed are compositions comprising, and methods for making and using, such Nogo receptor antibodies, antigen-binding fragments thereof, soluble Nogo receptors and fusion proteins thereof and nucleic acids encoding the same.

WO 2005/016955 A2